

LIEBHERR

CONSTRUCTION EQUIPMENT



[(358629)] LIEBHERR LH50M 133653-1216 - Swing Drive

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH	LH0250033	LH0246618	LH0234201
Sample Date	29 Aug 2023	26 Jan 2023	28 Nov 2022	30 Aug 2022
Machine Hours	3000	10000	9038	7040
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

PF Resolu Canada Inc.
 5850 avenue des jardins
 La Dore, QC
 CA G8J 1B4
 Contact: Dominic Caron



OIL CONDITION

Visc @ 40°C	cSt	186	187	194	185

T:
F:



CONTAMINATION

Element	ppm	2	1	<1	<1
Silicon	ppm	2	1	<1	<1
Sodium	ppm	2	3	1	2
Potassium	ppm	<1	<1	<1	0

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

Element	ppm	106	92	25	43
Iron	ppm	106	92	25	43
Copper	ppm	53	31	40	41
Lead	ppm	1	<1	1	<1
Tin	ppm	5	1	2	2
Aluminum	ppm	<1	<1	0	0
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	<1	0	0	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Element	ppm	12	7	5	13
Calcium	ppm	12	7	5	13
Magnesium	ppm	10	<1	<1	5
Zinc	ppm	27	8	7	14
Phosphorus	ppm	2365	2467	2441	2357
Barium	ppm	<1	0	0	0
Boron	ppm	1	3	<1	8

Depot: ABILAD
Unique No: 5633536
Signed: Kevin Marson
Report Date: 05 Sep 2023



GRAPHS

